

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2005/000872

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D209/42 C07D409/12 C07D413/12 C07D417/12 C07D403/12
C07D409/14 C07D401/12 C07D405/12 C07D471/04 C07D495/04
A61K31/404 A61P3/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, BEILSTEIN Data, EMBASE, BIOSIS

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 03/037864 A (JAPAN TOBACCO INC; NAKAMURA, TAKESHI; TAKAGI, MASAKI; UEDA, NOBUHISA) 8 May 2003 (2003-05-08) claim 1	1-14
P, X	-& EP 1 452 526 A (JAPAN TOBACCO INC) 1 September 2004 (2004-09-01) claim 1	1-14
X	WO 02/24672 A (WARNER-LAMBERT COMPANY; BORA, KEENAN, MARTIN; HU, LAIN-YEN; KESTEN, SU) 28 March 2002 (2002-03-28) claim 1 page 11	1-3, 5-8, 10

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

5 October 2005

Date of mailing of the international search report

18/10/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Steendijk, M

INTERNATIONAL SEARCH REPORT

Inten of Application No
PCT/GB2005/000872

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; KAKIMOTO, SHICHIRO ET AL: "Syntheses of antituberculous compounds. V. Derivatives of pyridine and indole" XP002347870 retrieved from STN Database accession no. 1956:77870 RN 858213-13-5 abstract & JAPAN. J. TUBERC. , 2, 334-7, 1954,</p>	1-3,5,6, 8,10
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; MRUTHYUNJAYASWAMY, B. H. M. ET AL: "Synthesis and pharmacological evaluation of 3,5-disubstituted indole-2-'N.beta.-(substituted benzopyran-2'-one-3'-carboxyl)!carboxy hydrazides and 2H-3-(various substituted indol-3'-yl)methyl-1,3- benzothiazoles" XP002347871 retrieved from STN Database accession no. 2000:780224 RN 316156-18-0, -41-9, -42-0, -43-1,-44-2 abstract & INDIAN JOURNAL OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY , 39B(6), 433-439 CODEN: IJSBDB; ISSN: 0376-4699, 2000,</p>	1-4,6,8, 10
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SINNUR, K. H. ET AL: "Synthesis of substituted 2-(1',3',4'-oxadiazol-2'-yl)indoles" XP002347872 retrieved from STN Database accession no. 1987:554287 RN 110448-43-6 abstract & INDIAN JOURNAL OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY , 25B(7), 716-20 CODEN: IJSBDB; ISSN: 0376-4699, 1986,</p>	1-4,6-8

-/--

INTERNATIONAL SEARCH REPORT

Inter al Application No
PCT/GB2005/000872

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ZHANG, MINGZHE ET AL: "Synthesis of N-acyl-N'-(2-indolylcarbonyl) hydrazides and their physiological activity" XP002347873 retrieved from STN Database accession no. 1985:131867 RN 95446-27-8, -26-7 abstract & YAOXUE XUEBAO , 19(10), 737-41 CODEN: YHHPAL; ISSN: 0513-4870, 1984,</p>	1-4,6,8, 10
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; HIREMATH, SHIVAYOGI P. ET AL: "Synthesis of substituted 2-(5'-oxo/thioxo-1',3',4'-oxadiazol-2'-yl) indoles and 2-(5'-oxo/thioxo-1,3,4'-oxadiazol-2'-ylam no)indoles" XP002347874 retrieved from STN Database accession no. 1983:594890 RN 87811-56-1, -55-0 abstract & INDIAN JOURNAL OF CHEMISTRY, SECTION B: ORGANIC CHEMISTRY INCLUDING MEDICINAL CHEMISTRY , 22B(6), 571-6 CODEN: IJSBDB; ISSN: 0376-4699, 1983,</p>	1-4,6-8
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; ROBBA, M. ET AL: "as-Triazino'4,5-a!indoles. I. Indole derivatives" XP002347875 retrieved from STN Database accession no. 1978:22764 RN 64932-49-6, -51-0, -52-1, -53-2, 37574-75-7, -85-9 abstract & BULLETIN DE LA SOCIETE CHIMIQUE DE FRANCE , (3-4, PT. 2), 333-6 CODEN: BSCFAS; ISSN: 0037-8968, 1977,</p> <p style="text-align: center;">-/--</p>	1-4,6,8

INTERNATIONAL SEARCH REPORT

Inter al Application No
PCT/GB2005/000872

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SIDDAPPA, S. ET AL: "Synthesis of indole-2-carbaldehydes, 2-(2-aminoethyl) - and 2-(2-aminopropyl)indoles" XP002347876 retrieved from STN Database accession no. 1971:53406 RN 30464-80-3 abstract & JOURNAL OF THE CHEMICAL SOCIETY 'SECTION! C: ORGANIC , (1), 178-81 CODEN: JS00AX; ISSN: 0022-4952, 1971,</p>	1-3,5,8
X	<p>DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; DAMBAL, S. B. ET AL: "Synthetic studies in the indole field. VII. Synthesis of indole-2-carboxaldehydes" XP002347877 retrieved from STN Database accession no. 1965:90729 RN 2898-94-4, 1463-63-4, 408528-23-4 abstract & J. INDIAN CHEM. SOC. , 42(2), 112-14, 1965,</p>	1-3,5,8
X	<p>MNDZHOYAN A L ET AL: "INODE DERIVATIVES. XXV. USE OF THE ETHYL ESTER OF 5-METHOXYINDOLE-2-CARBOXYLIC ACID AND ITS HYDRAZIDE IN REDUCTIONS, CHLOROACYLATIONS, AND THE PREPARATION OF HYDRAZONES" CHEMICAL ABSTRACTS + INDEXES, AMERICAN CHEMICAL SOCIETY. COLUMBUS, US, vol. 71, 1969, pages 312-313, XP002962997 ISSN: 0009-2258 RN 22930-52-5, -50-3, -49-0, -48-9</p>	1-5,8
X	<p>ROBBA M ET AL: "ETUDE DES CONDITIONS D'ACCES A L'AS-TRIAZINO (4,5-A) INDOLE" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, no. 23, 1972, pages 2333-2335, XP002962990 ISSN: 0040-4039 See compounds 1 (R=CH₃, NH₂), 4</p>	1-4,6,8
X	<p>DATABASE REGISTRY 'Online! 24 March 2003 (2003-03-24), XP002347878 retrieved from STN Database accession no. RN 500316-12-1 abstract</p>	1-3,5,6, 8

-/-

INTERNATIONAL SEARCH REPORT

Inten. Appl. No.
PCT/GB2005/000872

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 96/39385 A (PFIZER INC; HULIN, BERNARD; HOOVER, DENNIS, J; TREADWAY, JUDITH, L; MA) 12 December 1996 (1996-12-12) claim 1	1-14
X	----- DATABASE REGISTRY 'Online! 2 September 2004 (2004-09-02), XP002347879 retrieved from STN Database accession no. RN 737795-29-8 abstract -----	1-3,5,6, 8

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/GB2005/000872

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 03037864	A	08-05-2003	CA 2465382 A1 EP 1452526 A1 US 2005054696 A1	08-05-2003 01-09-2004 10-03-2005
EP 1452526	A	01-09-2004	CA 2465382 A1 WO 03037864 A1 US 2005054696 A1	08-05-2003 08-05-2003 10-03-2005
WO 0224672	A	28-03-2002	AT 298323 T AU 8506701 A BR 0113974 A CA 2416136 A1 DE 60111639 D1 EP 1320523 A2 JP 2004509880 T MX PA03001277 A	15-07-2005 02-04-2002 01-07-2003 28-03-2002 28-07-2005 25-06-2003 02-04-2004 30-07-2004
WO 9639385	A	12-12-1996	AP 624 A AU 700887 B2 AU 5475396 A BG 100635 A CZ 9601627 A3 EP 0832066 A1 FI 974437 A GR 3037075 T3 HU 9601285 A2 JP 11500445 T LV 11614 A PL 314603 A1 SG 45481 A1 SI 9600163 A SK 72096 A3	19-12-1997 14-01-1999 19-12-1996 30-09-1997 11-12-1996 01-04-1998 05-12-1997 31-01-2002 28-09-1998 12-01-1999 20-12-1996 09-12-1996 16-01-1998 28-02-1997 05-11-1997